

SEQUENCE LISTING

<110> Nakamura, Yusuke
Katagiri, Toyomasa

<120> GENES AND POLYPEPTIDES RELATING TO HUMAN
MYELOID LEUKEMIA

<130> 082368-003910US

<140> 10/530,217
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<150> PCT/JP03/09589
<151> 2003-07-29

<150> US 60/414,867
<151> 2002-09-30

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Trp Leu Lys Leu Asp Ile Pro Ser Ala Val Pro Leu Thr Ala Glu Glu
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Pro Ser Phe Leu Gln Pro Leu Arg Arg Gln Ala Phe Leu Arg Ser Val
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Arg Arg Pro Val Leu Gln Arg Gln Thr Ser Ile Thr Gln Thr Ile Arg
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Lys Leu Lys Pro Gln Val Leu Arg Glu Leu Asp Leu Pro Ser Gln Asp
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Asn Val Ser Leu Thr Ser Thr Glu Thr Pro Pro Pro Leu Tyr Val Gly
135 140 145

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Pro Cys Gln Leu Gly Met Gln Lys Ile Ile Asp Pro Leu Ala Arg Gly

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gac aca tcc ttc ttt gcc ccg gaa ggt atc ctc cat gaa gag ctg tcc Asp Thr Ser Phe Ala Arg Glu Gly Ile Leu His Glu Glu Leu Ser 260 265 270			932
aca tac ccg gat gaa gtt ttc gag tcc cca tcg gag gca gcg cta aag Thr Tyr Pro Asp Glu Val Phe Glu Ser Pro Ser Glu Ala Ala Leu Lys 275 280 285 290			980
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tat ggg ctg ggc atg gtg gga ccg ctc acc aac cgc acc tac cgc aag Tyr Gly Leu Gly Met Val Gly Arg Leu Thr Asn Arg Thr Tyr Arg Lys 375 380 385			1268
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Ile Leu Ala Val Cys Ile Tyr Gly Ile Ala Pro Val Gly Phe Ser Gln	
420 425 430	
cat gag acg gtg gac tcg gtg ctg cgg aac cgc ggg gtc tac gag aac	1460
His Glu Thr Val Asp Ser Val Leu Arg Asn Arg Gly Val Tyr Glu Asn	
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Val Lys Tyr Val Gln Gln Glu Asn Phe Trp Ile Gly Pro Ser Ser Glu	
455 460 465	
gcc ctc atc cac ctg ggc gcc aag ttt tcg ccc tgc atg cgc cag gac	1556
Ala Leu Ile His Leu Gly Ala Lys Phe Ser Pro Cys Met Arg Gln Asp	
470 475 480	
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Pro Gln Val His Ser Phe Ile Arg Ser Ala Arg Glu Arg Glu Lys His	
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Ser Ala Cys Cys Val Arg Asn Asp Arg Ser Gly Cys Val Gln Thr Ser	
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Glu Glu Glu Cys Ser Ser Thr Leu Ala Val Trp Val Lys Trp Pro Ile	
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His Pro Ser Ala Pro Glu Leu Ala Gly His Lys Arg Gln Phe Gly Ser	
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Val Cys His Gln Asp Pro Arg Val Cys Asp Glu Pro Ser Ser Glu Asp	
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Pro His Glu Trp Pro Glu Asp Ile Thr Lys Trp Pro Ile Cys Thr Lys	
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Thr Gly Arg Pro Cys Cys Ile Gly Thr Lys Gly Arg Cys Glu Ile Thr	
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Ser Arg Glu Tyr Cys Asp Phe Met Arg Gly Tyr Phe His Glu Glu Ala	
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Thr Leu Cys Ser Gln Val His Cys Met Asp Asp Val Cys Gly Leu Leu	
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Ser Val Ser Met Pro Ala Glu Thr Ala His Ile Ser Ser Pro His His
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Glu Leu Arg Arg Pro Val Leu Gln Arg Gln Thr Ser Ile Thr Gln Thr
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Ile Arg Arg Gly Thr Ala Asp Trp Phe Gly Val Ser Lys Asp Ser Asp
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Ser Thr Gln Lys Trp Gln Arg Lys Ser Ile Arg His Cys Ser Gln Arg
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Tyr Gly Lys Leu Lys Pro Gln Val Leu Arg Glu Leu Asp Leu Pro Ser
115 120 125
Gln Asp Asn Val Ser Leu Thr Ser Thr Glu Thr Pro Pro Pro Leu Tyr
130 135 140
Val Gly Pro Cys Gln Leu Gly Met Gln Lys Ile Ile Asp Pro Leu Ala
145 150 155 160
Arg Gly Arg Ala Phe Arg Val Ala Asp Asp Thr Ala Glu Gly Leu Ser
165 170 175
Ala Pro His Thr Pro Val Thr Pro Gly Ala Ala Ser Leu Cys Ser Phe
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Ser Ser Ser Arg Ser Gly Phe His Arg Leu Pro Arg Arg Arg Lys Arg
195 200 205
Glu Ser Val Ala Lys Met Ser Phe Arg Ala Ala Ala Leu Met Lys
210 215 220
Gly Arg Ser Val Arg Asp Gly Thr Phe Arg Arg Ala Arg Arg Arg Ser
225 230 235 240
Phe Thr Pro Ala Ser Phe Leu Glu Glu Asp Thr Thr Asp Phe Pro Asp
245 250 255
Glu Leu Asp Thr Ser Phe Phe Ala Arg Glu Gly Ile Leu His Glu Glu
260 265 270
Leu Ser Thr Tyr Pro Asp Glu Val Phe Glu Ser Pro Ser Glu Ala Ala
275 280 285
Leu Lys Asp Trp Glu Lys Ala Pro Glu Gln Ala Asp Leu Thr Gly Gly
290 295 300
Ala Leu Asp Arg Ser Glu Leu Glu Arg Ser His Leu Met Leu Pro Leu
305 310 315 320
Glu Arg Gly Trp Arg Lys Gln Lys Glu Gly Ala Ala Ala Pro Gln Pro
325 330 335
Lys Val Arg Leu Arg Gln Glu Val Val Ser Thr Ala Gly Pro Arg Arg
340 345 350
Gly Gln Arg Ile Ala Val Pro Val Arg Lys Leu Phe Ala Arg Glu Lys
355 360 365
Arg Pro Tyr Gly Leu Gly Met Val Gly Arg Leu Thr Asn Arg Thr Tyr
370 375 380
Arg Lys Arg Ile Asp Ser Phe Val Lys Arg Gln Ile Glu Asp Met Asp
385 390 395 400
Asp His Arg Pro Phe Phe Thr Tyr Trp Leu Thr Phe Val His Ser Leu

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Glu Asn Val Lys Tyr Val Gln Gln Glu Asn Phe Trp Ile Gly Pro Ser			
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Ser Glu Ala Leu Ile His Leu Gly Ala Lys Phe Ser Pro Cys Met Arg			
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Gln Asp Pro Gln Val His Ser Phe Ile Arg Ser Ala Arg Glu Arg Glu			
485	490	495	
Lys His Ser Ala Cys Cys Val Arg Asn Asp Arg Ser Gly Cys Val Gln			
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Thr Ser Glu Glu Glu Cys Ser Ser Thr Leu Ala Val Trp Val Lys Trp			
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Pro Ile His Pro Ser Ala Pro Glu Leu Ala Gly His Lys Arg Gln Phe			
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Gly Ser Val Cys His Gln Asp Pro Arg Val Cys Asp Glu Pro Ser Ser			
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Glu Asp Pro His Glu Trp Pro Glu Asp Ile Thr Lys Trp Pro Ile Cys			
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Thr Lys Asn Ser Ala Gly Asn His Thr Asn His Pro His Met Asp Cys			
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Val Ile Thr Gly Arg Pro Cys Cys Ile Gly Thr Lys Gly Arg Cys Glu			
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Ile Thr Ser Arg Glu Tyr Cys Asp Phe Met Arg Gly Tyr Phe His Glu			
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Glu Ala Thr Leu Cys Ser Gln Val His Cys Met Asp Asp Val Cys Gly			
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Leu Leu Pro Phe Leu Asn Pro Glu Val Pro Asp Gln Phe Tyr Arg Leu			
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Trp Leu Ser Leu Phe Leu His Ala Gly Ile Leu His Cys Leu Val Ser			
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Ile Cys Phe Gln Met Thr Val Leu Arg Asp Leu Glu Lys Leu Ala Gly			
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Trp His Arg Ile Ala Ile Ile Tyr Leu Leu Ser Gly Val Thr Gly Asn			
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Gly Ser Gln Phe Gly Ile Leu Ala Cys Leu Phe Val Glu Leu Phe Gln			
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Ser Trp Gln Ile Leu Ala Arg Pro Trp Arg Ala Phe Phe Lys Leu Leu			
740	745	750	
Ala Val Val Leu Phe Leu Phe Thr Phe Gly Leu Leu Pro Trp Ile Asp			
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770	775	780	
Ala Phe Leu Pro Tyr Ile Ser Phe Gly Lys Phe Asp Leu Tyr Arg Lys			
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Arg Cys Gln Ile Ile Ile Phe Gln Val Val Phe Leu Gly Leu Leu Ala			
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Gly Leu Val Val Leu Phe Tyr Val Tyr Pro Val Arg Cys Glu Trp Cys			
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Glu Phe Leu Thr Cys Ile Pro Phe Thr Asp Lys Phe Cys Glu Lys Tyr			
835	840	845	
Glu Leu Asp Ala Gln Leu His			
850	855		